

Iowa Department of Homeland Security and Emergency Management



Mark Schouten
Director

911 Program Training

October 19, 2015

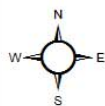
Blake DeRouchey
State E911 Program Manager



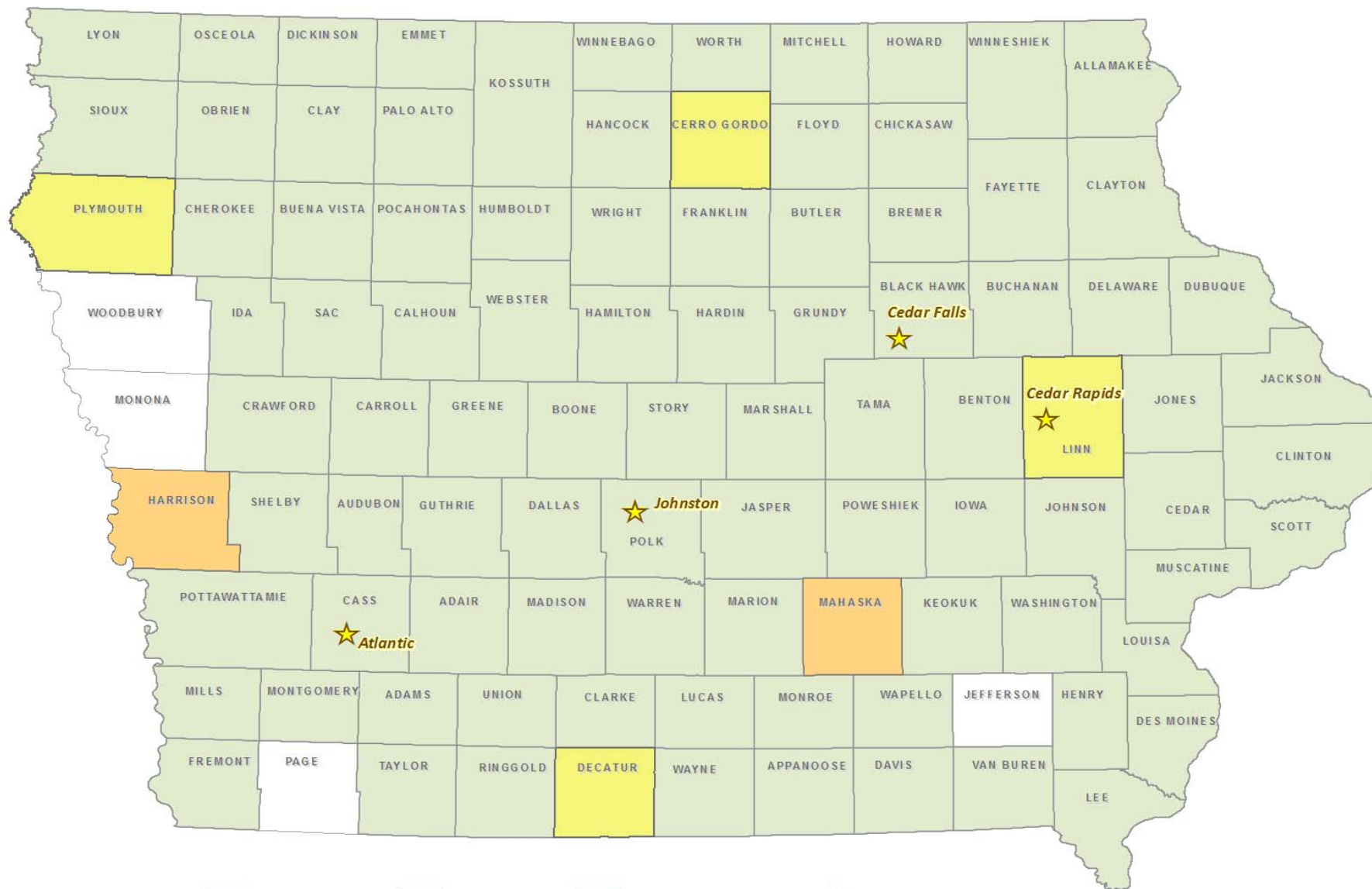
Iowa Department of Homeland Security and Emergency Management

Agenda

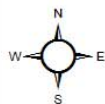
- Status of Next Gen Upgrades in Iowa
 - SIP Migrations
 - Text to 911
 - IA 9-1-1 NGGIS Update
 - Secondary ESInet
 - Carryover Usage
- Review of changes to Code of Iowa Chapter 34A
 - Carryover and Carryover Grant
 - Iowa 911 Service Plan
 - Updated Forms
- Iowa CASM Portal
- Iowa 911 Housekeeping items



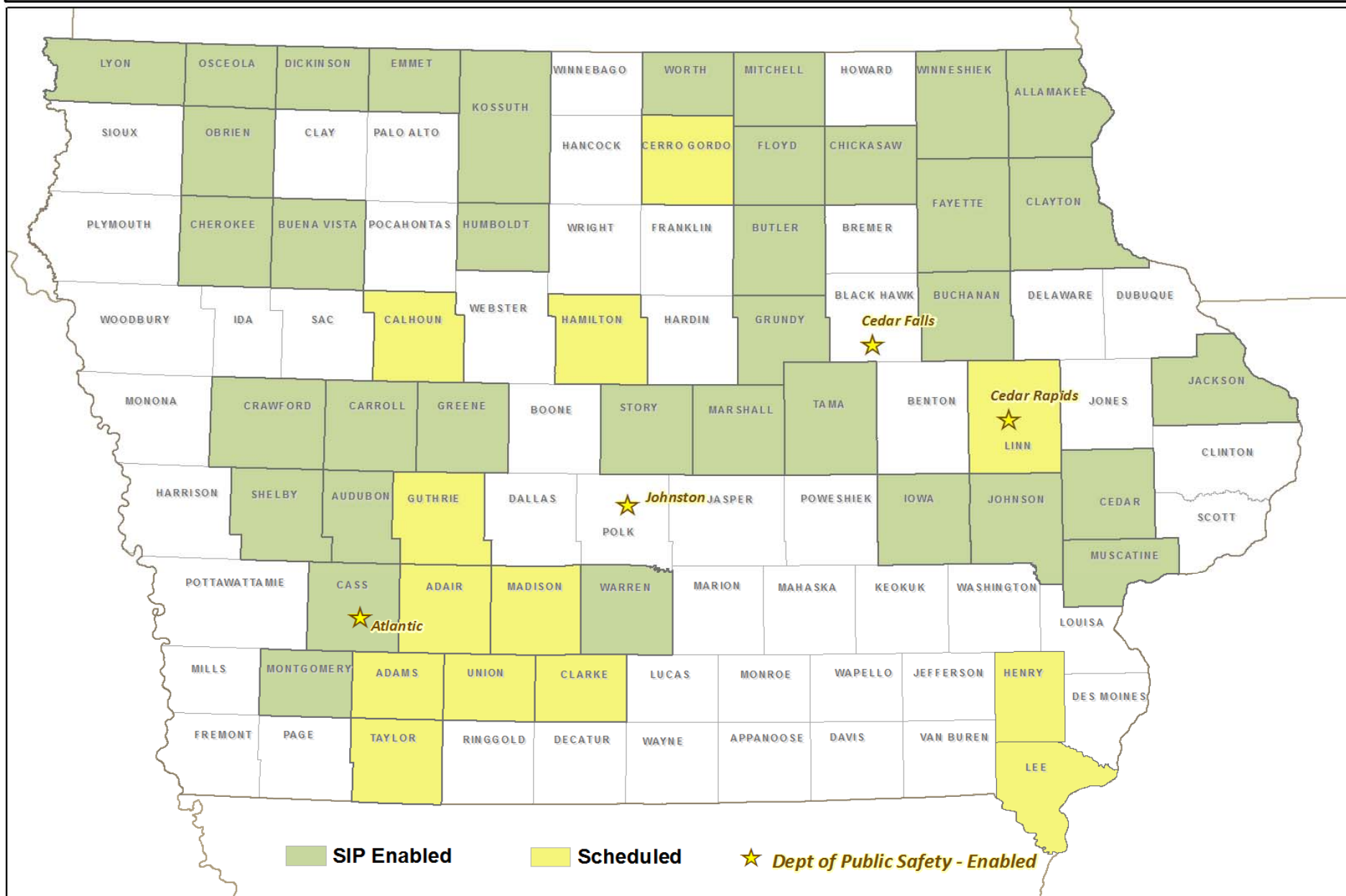
SIP Capable / Scheduled PSAP

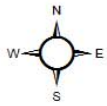


SIP Capable Scheduled Funds Obligated ★ Dept of Public Safety - Capable

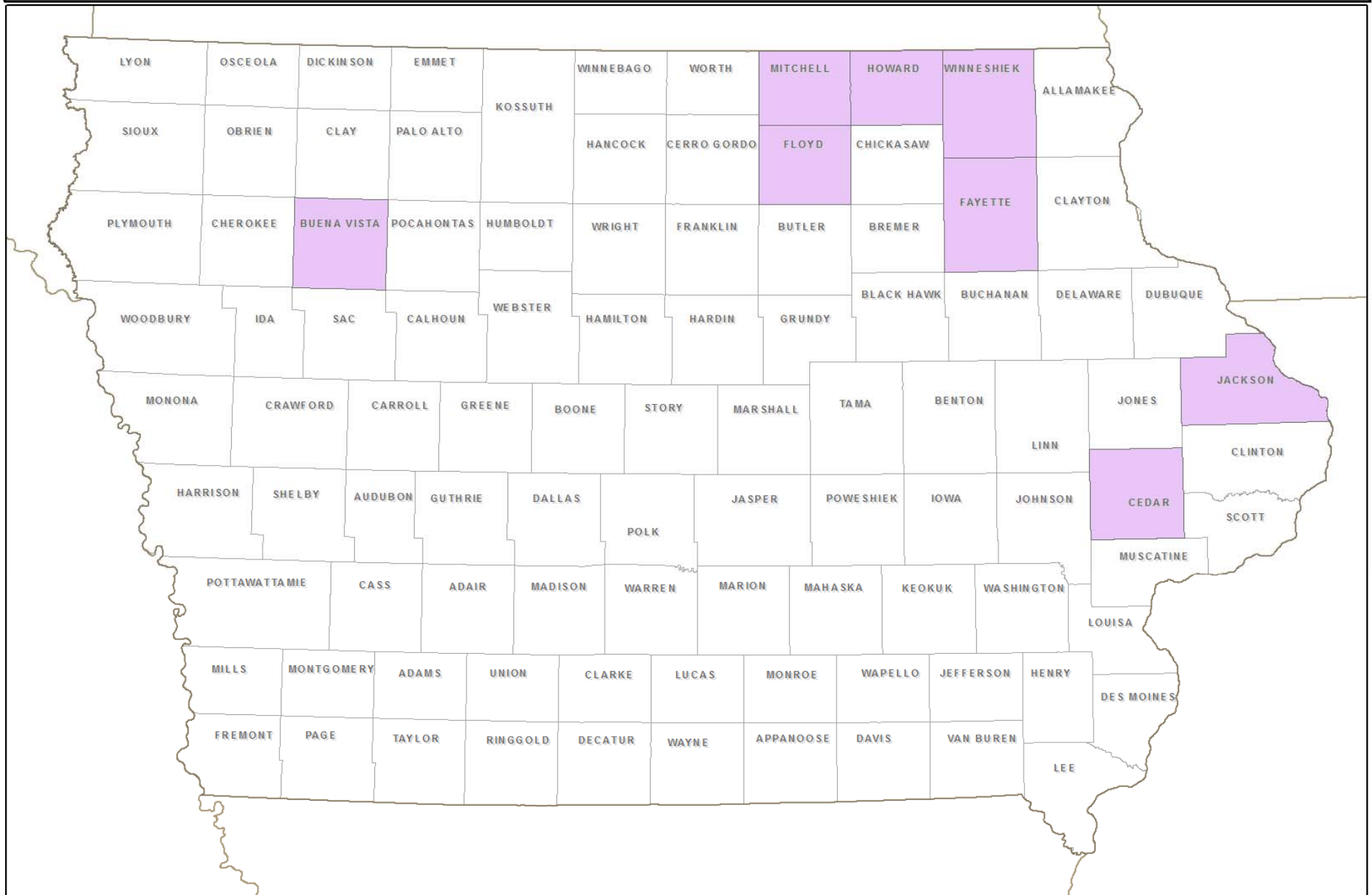


SIP Enabled / Scheduled PSAP





GEM Enabled PSAP



Data Center Upgrades

- Moved Newton Data Center to Davenport for Geo-Diversity
- Equipment and Software Upgrades needed at both Data Centers
 - New software will upgrade to **MSRP**- Message Session Relay Protocol

Text to 911

- MSRP- The NENA i3 solution for Integrated Text Messaging to 911 is delivered via SIP from Text Control Center to CPE
- HSEMD will notify FCC once PSAPs are ready—
Wireless Carriers will coordinate testing directly with PSAPs
 - SIP Enabled
 - CPE vendor tested for MSRP with TCS and any and all software upgrades
 - All CPE/Call taker interfaces will be different depending on vendor/software
- Black Hawk Co will be first to PSAP to Go-Live, then as PSAPs notify the State
- Goal is to have all PSAPs SIP Enabled and receiving integrated text by July 1, 2016

Vendor IOT Testing MSRP

- Following CPE vendors have completed testing with TCS
 - Moducom
 - Airbus
 - Emergency Call Works
 - SolaCom
 - Zetron
 - Intrado
- In progress
 - Experient, Emergitech, Next Gen Technologies

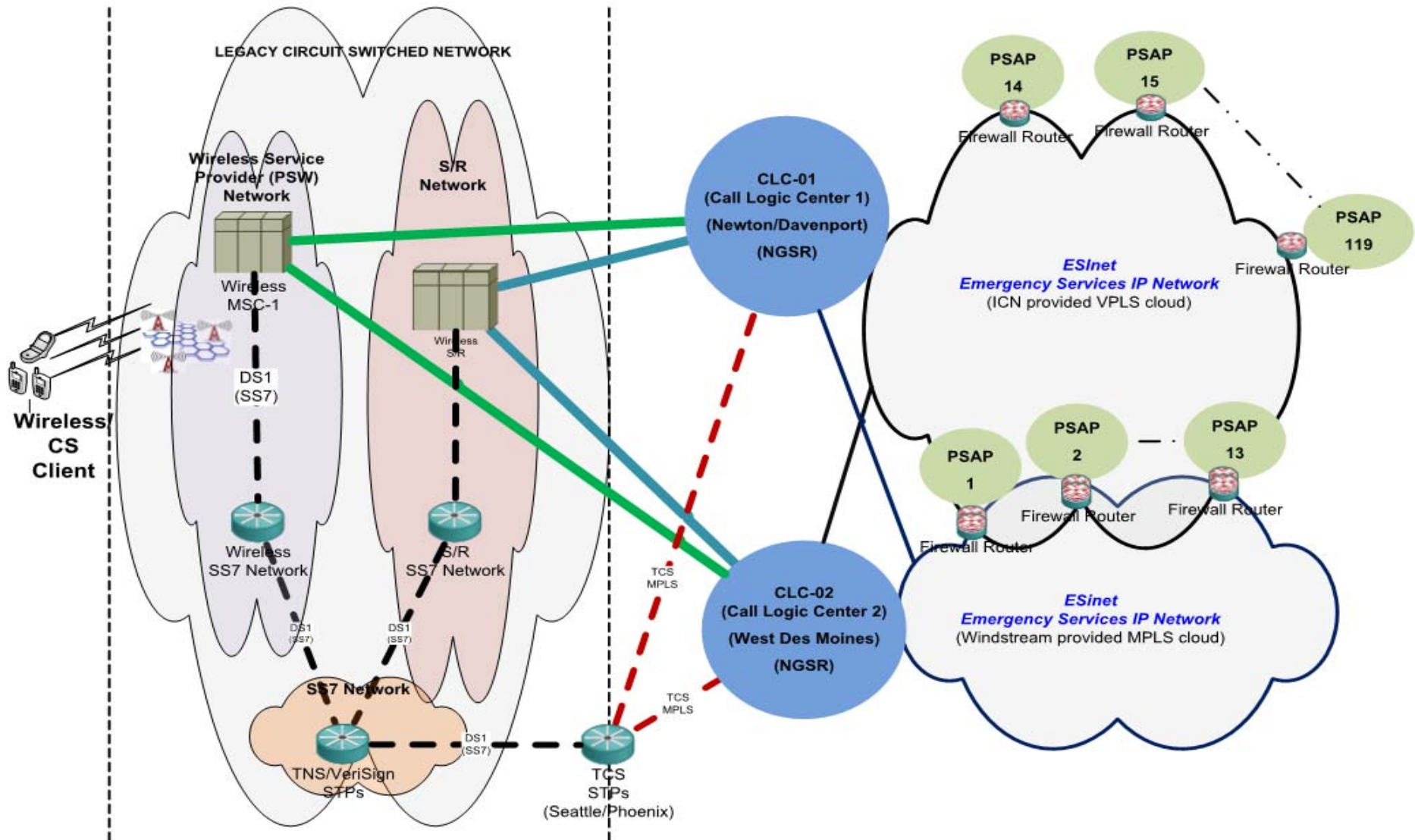
Text to 911

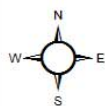
- **Press Releases**
 - In April, as part of 911 Month, our press release mentioned the pilot programs without identifying the PSAPs
 - PSAPs/Counties/Regions free to do press releases as they are Text Capable
 - State HSEMD will do press release once entire state is text capable
- **Training and Best Practices**
 - Do have some resources for best practices, along with press release templates
 - Specific Call Taker screen training and PSAP SOP's to be handled at the local level

Secondary ESIInet

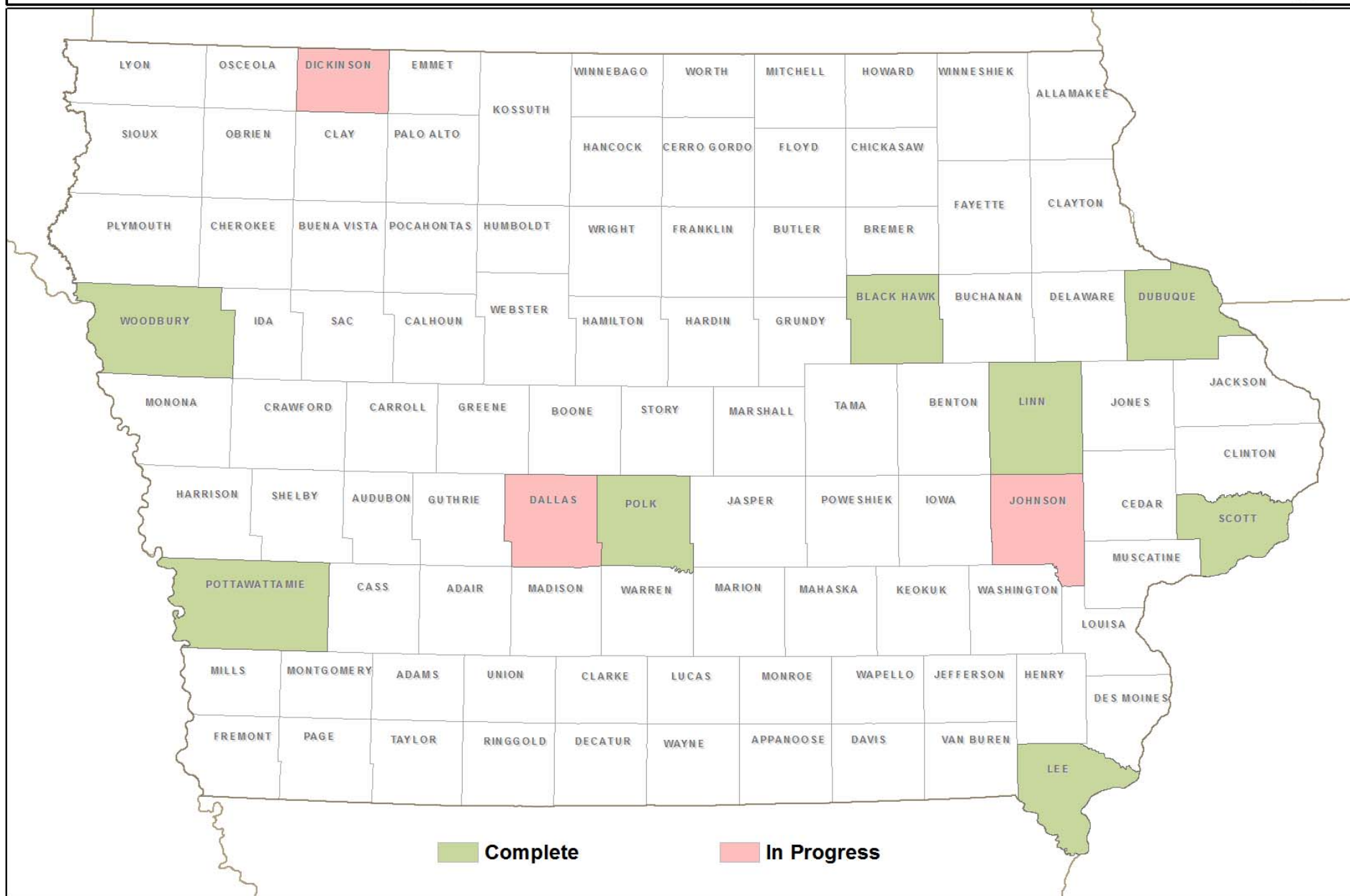
- After a large outage in 2013, HSEMD started an initiative to create a totally separate, redundant ESIInet.
- Mostly using Windstream Fiber
- If primary ESIInet is down, calls will automatically AltRoute through closest secondary ESIInet PSAP

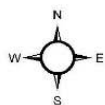
Secondary ESInet



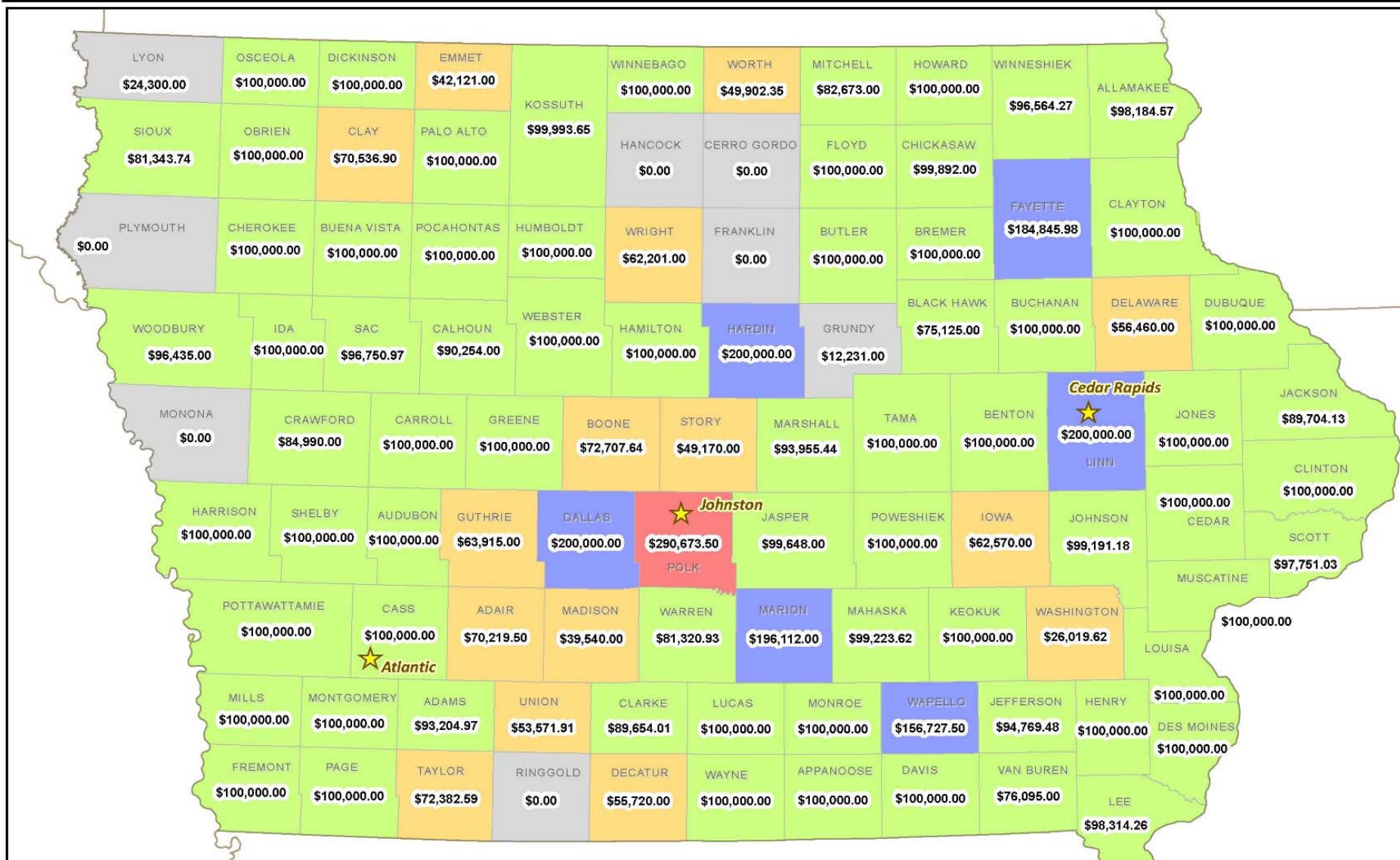


Secondary ESInet PSAP's





2015 Carryover Grant - Amount Expended



Amount by County

\$0.00 - \$25,000.00

\$25,000.01 - \$75,000.00

\$75,000.01 - \$100,000.00

\$100,000.01 - \$200,000.00

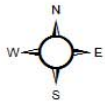
\$200,000.01 - \$300,000.00

★ Dept of Public Safety - Cedar Rapids - \$100,000
Atlantic - \$99,836
Johnston - \$100,000

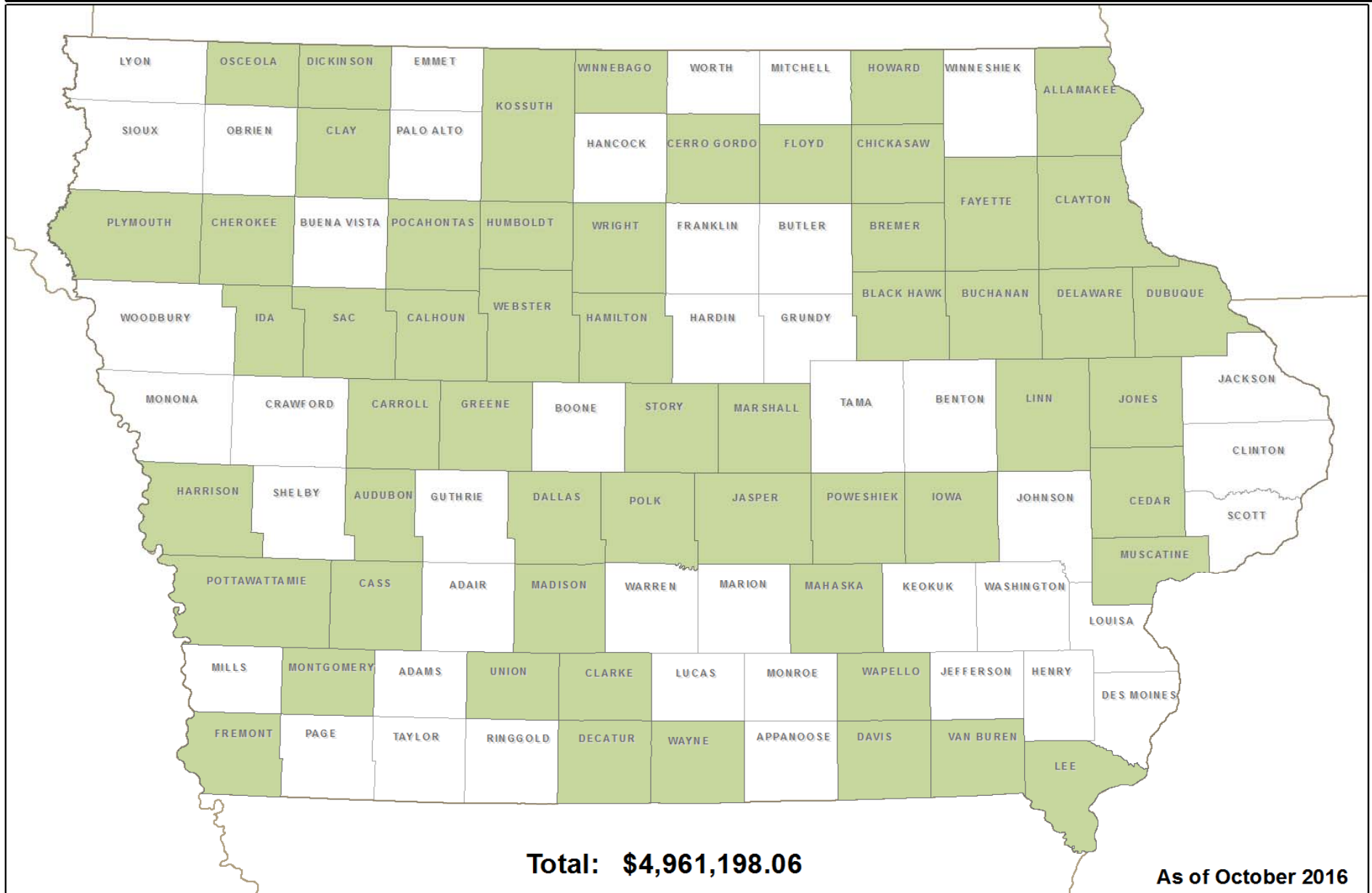
County	Amount Received	Total Possible
Allamakee	\$ 98,184.57	\$ 100,000.00
Appanoose	\$ 100,000.00	\$ 100,000.00
Audubon	\$ 100,000.00	\$ 100,000.00
Benton	\$ 100,000.00	\$ 100,000.00
Black Hawk	\$ 75,125.00	\$ 100,000.00
Boone	\$ 72,707.64	\$ 100,000.00
Bremer	\$ 100,000.00	\$ 100,000.00
Buchanan	\$ 100,000.00	\$ 100,000.00
Buena Vista	\$ 100,000.00	\$ 100,000.00
Butler	\$ 100,000.00	\$ 100,000.00
Calhoun	\$ 90,254.00	\$ 100,000.00
Carroll	\$ 100,000.00	\$ 100,000.00
Cass	\$ 100,000.00	\$ 100,000.00
Cedar	\$ 100,000.00	\$ 100,000.00
Cerro Gordo	\$ -	\$ 200,000.00
Co SO	\$ -	\$ 100,000.00
Clear Lake PD	\$ -	\$ 100,000.00
Cherokee	\$ 100,000.00	\$ 100,000.00
Chickasaw	\$ 99,892.00	\$ 100,000.00
Clay	\$ 70,536.90	\$ 100,000.00
Clayton	\$ 100,000.00	\$ 100,000.00
Clinton	\$ 100,000.00	\$ 100,000.00
Crawford	\$ 84,990.00	\$ 100,000.00
Dallas	\$ 200,000.00	\$ 200,000.00
Co SO	\$ 100,000.00	\$ 100,000.00
Perry PD	\$ 100,000.00	\$ 100,000.00
Davis	\$ 100,000.00	\$ 100,000.00
Decatur	\$ 55,720.00	\$ 100,000.00
Delaware	\$ 56,460.00	\$ 100,000.00
Des Moines	\$ 100,000.00	\$ 100,000.00
Dickinson	\$ 100,000.00	\$ 100,000.00
Dubuque	\$ 100,000.00	\$ 100,000.00
Emmet	\$ 42,121.00	\$ 100,000.00
Fayette	\$ 184,845.98	\$ 200,000.00
Co SO	\$ 87,925.08	\$ 100,000.00
Oelwein PD	\$ 96,920.90	\$ 100,000.00
Floyd	\$ 100,000.00	\$ 100,000.00
Franklin	\$ -	\$ 100,000.00
Fremont	\$ 100,000.00	\$ 100,000.00
Greene	\$ 100,000.00	\$ 100,000.00
Grundy	\$ 12,231.00	\$ 100,000.00
Hamilton	\$ 100,000.00	\$ 100,000.00
Hancock	\$ -	\$ 100,000.00
Hardin	\$ 200,000.00	\$ 200,000.00
Co SO	\$ 100,000.00	\$ 100,000.00
Iowa Falls PD	\$ 100,000.00	\$ 100,000.00
Harrison	\$ 100,000.00	\$ 100,000.00

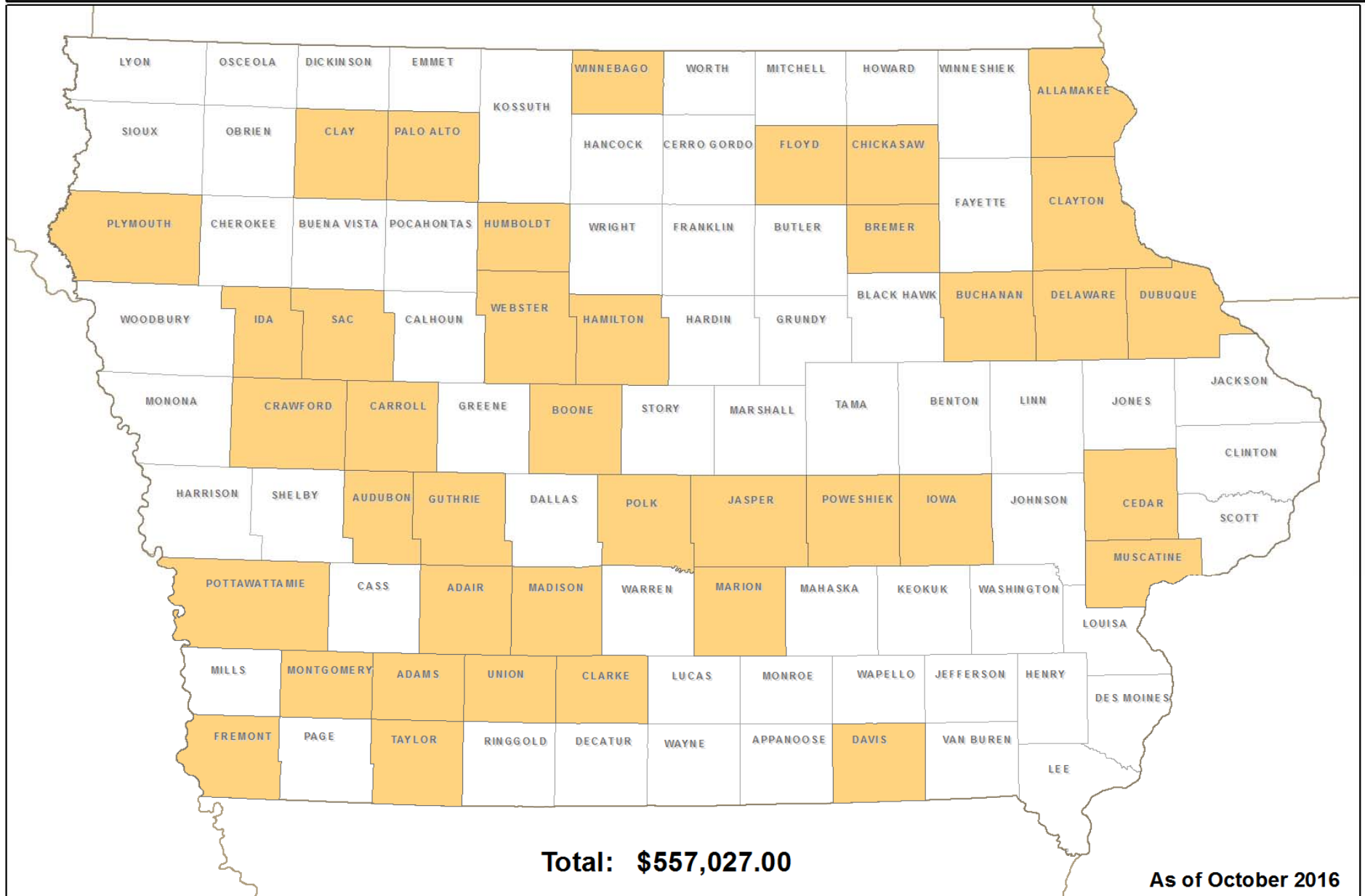
County	Amount Received	Total Possible
Henry	\$ 100,000.00	\$ 100,000.00
Howard	\$ 100,000.00	\$ 100,000.00
Humboldt	\$ 100,000.00	\$ 100,000.00
Ida	\$ 100,000.00	\$ 100,000.00
Iowa	\$ 62,570.00	\$ 100,000.00
Jackson	\$ 89,704.13	\$ 100,000.00
Jasper	\$ 99,648.00	\$ 100,000.00
Jefferson	\$ 94,769.48	\$ 100,000.00
Johnson	\$ 99,191.18	\$ 100,000.00
Jones	\$ 100,000.00	\$ 100,000.00
Keokuk	\$ 100,000.00	\$ 100,000.00
Kossuth	\$ 99,993.65	\$ 100,000.00
Lee	\$ 98,314.26	\$ 100,000.00
Linn	\$ 200,000.00	\$ 300,000.00
Co SO	\$ 100,000.00	\$ 100,000.00
CR JCA	\$ 100,000.00	\$ 100,000.00
Marion PD	\$ -	\$ 100,000.00
Louisa	\$ 100,000.00	\$ 100,000.00
Lucas	\$ 100,000.00	\$ 100,000.00
Lyon	\$ 24,300.00	\$ 100,000.00
Mahaska	\$ 99,223.62	\$ 100,000.00
Marion	\$ 196,112.00	\$ 200,000.00
Co SO	\$ 100,000.00	\$ 100,000.00
Pella PD	\$ 96,112.00	\$ 100,000.00
Marshall	\$ 93,955.44	\$ 100,000.00
Mills	\$ 100,000.00	\$ 100,000.00
Mitchell	\$ 82,673.00	\$ 100,000.00
Monona	\$ -	\$ 100,000.00
Monroe	\$ 100,000.00	\$ 100,000.00
Montgomery	\$ 100,000.00	\$ 100,000.00
Muscatine	\$ 100,000.00	\$ 100,000.00
O'Brien	\$ 100,000.00	\$ 100,000.00
Osceola	\$ 100,000.00	\$ 100,000.00
Page	\$ 100,000.00	\$ 200,000.00
Clarinda PD	\$ -	\$ 100,000.00
Shenandoah PD	\$ 100,000.00	\$ 100,000.00
Palo Alto	\$ 100,000.00	\$ 100,000.00
Plymouth	\$ -	\$ 100,000.00
Pocahontas	\$ 100,000.00	\$ 100,000.00
Polk	\$ 290,673.50	\$ 300,000.00
Co SO	\$ 100,000.00	\$ 100,000.00
DMPD	\$ 98,997.83	\$ 100,000.00
Westcom	\$ 91,675.67	\$ 100,000.00
Pottawattamie	\$ 100,000.00	\$ 100,000.00
Poweshiek	\$ 100,000.00	\$ 100,000.00
Ringgold	\$ -	\$ 100,000.00
Sac	\$ 96,750.97	\$ 100,000.00

County	Amount Received	Total Possible
Scott	\$ 97,751.03	\$ 100,000.00
Co SO	\$ 97,751.03	\$ 100,000.00
Bettendorf		
Davenport		
Shelby	\$ 100,000.00	\$ 100,000.00
Sioux	\$ 81,343.74	\$ 100,000.00
Story	\$ 49,170.00	\$ 200,000.00
Co SO	\$ 15,955.00	\$ 100,000.00
Ames PD	\$ 33,215.00	\$ 100,000.00
Tama	\$ 100,000.00	\$ 100,000.00
Van Buren	\$ 76,095.00	\$ 100,000.00
Wapello	\$ 156,727.50	\$ 200,000.00
Co SO	\$ 62,102.50	\$ 100,000.00
Ottumwa PD	\$ 94,625.00	\$ 100,000.00
Warren	\$ 81,320.93	\$ 100,000.00
Washington	\$ 26,019.62	\$ 100,000.00
Wayne	\$ 100,000.00	\$ 100,000.00
Webster	\$ 100,000.00	\$ 100,000.00
Winnebago	\$ 100,000.00	\$ 100,000.00
Winneshiek	\$ 96,564.27	\$ 100,000.00
Woodbury	\$ 96,435.00	\$ 100,000.00
Worth	\$ 49,902.35	\$ 100,000.00
Wright	\$ 62,201.00	\$ 100,000.00
South Central Iowa Regional Board	\$ 482,487.98	\$ 700,000.00
Adair	\$ 70,219.50	\$ 100,000.00
Adams	\$ 93,204.97	\$ 100,000.00
Clarke	\$ 89,654.01	\$ 100,000.00
Guthrie	\$ 63,915.00	\$ 100,000.00
Madison	\$ 39,540.00	\$ 100,000.00
Taylor	\$ 72,382.59	\$ 100,000.00
Union	\$ 53,571.91	\$ 100,000.00
Public Safety	\$ 299,836.00	\$ 300,000.00
Atlantic	\$ 99,836.00	\$ 100,000.00
Cedar Rapids	\$ 100,000.00	\$ 100,000.00
Johnston	\$ 100,000.00	\$ 100,000.00
Totals	\$ 9,326,801.74	\$ 11,400,000.00



2016 Carryover Grant






Carryover

- Should there be a Carryover Grant for FY17, we are making preparations for an electronic process.
- 911 Council travel completed the same way effective THIS year

IA HSEMD

Home Damage Self Reporting Open Grants



**Iowa Homeland Security
& Emergency Management**

my.IowaHomelandSecurity.org tracks Emergency Management grants in Iowa. The system manages the process from application through closeout.

Returning User Login:
Email:
Password:
☐ Remember Me
 [Forgot Login?](#)
[Register for Access](#)

About

This site is for the online application and management of Public Assistance (PA) and Mitigation grants from FEMA to State and local governments and Indian tribes.

News Releases

Jan 25, 2013 - **New Grant Management System Launched**
The new Grant Management System for Iowa Homeland Security & Emergency Management Agency was launched today....

Contact

Address:
Iowa Homeland Security & Emergency Management
7900 Hickman Road, Suite 500
Windsor Heights, IA 50324

Phone:
515-725-3231

Fax:
515-725-3260

Email:
support@iowahomelandsecurity.org

my.IowaHomelandSecurity.org

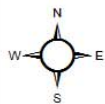
Iowa Homeland Security & Emergency Management
Version 4.0.016*
System Requirements
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Iowa Homeland Security & Emergency Management
7900 Hickman Road, Suite 500
Windsor Heights, IA 50324

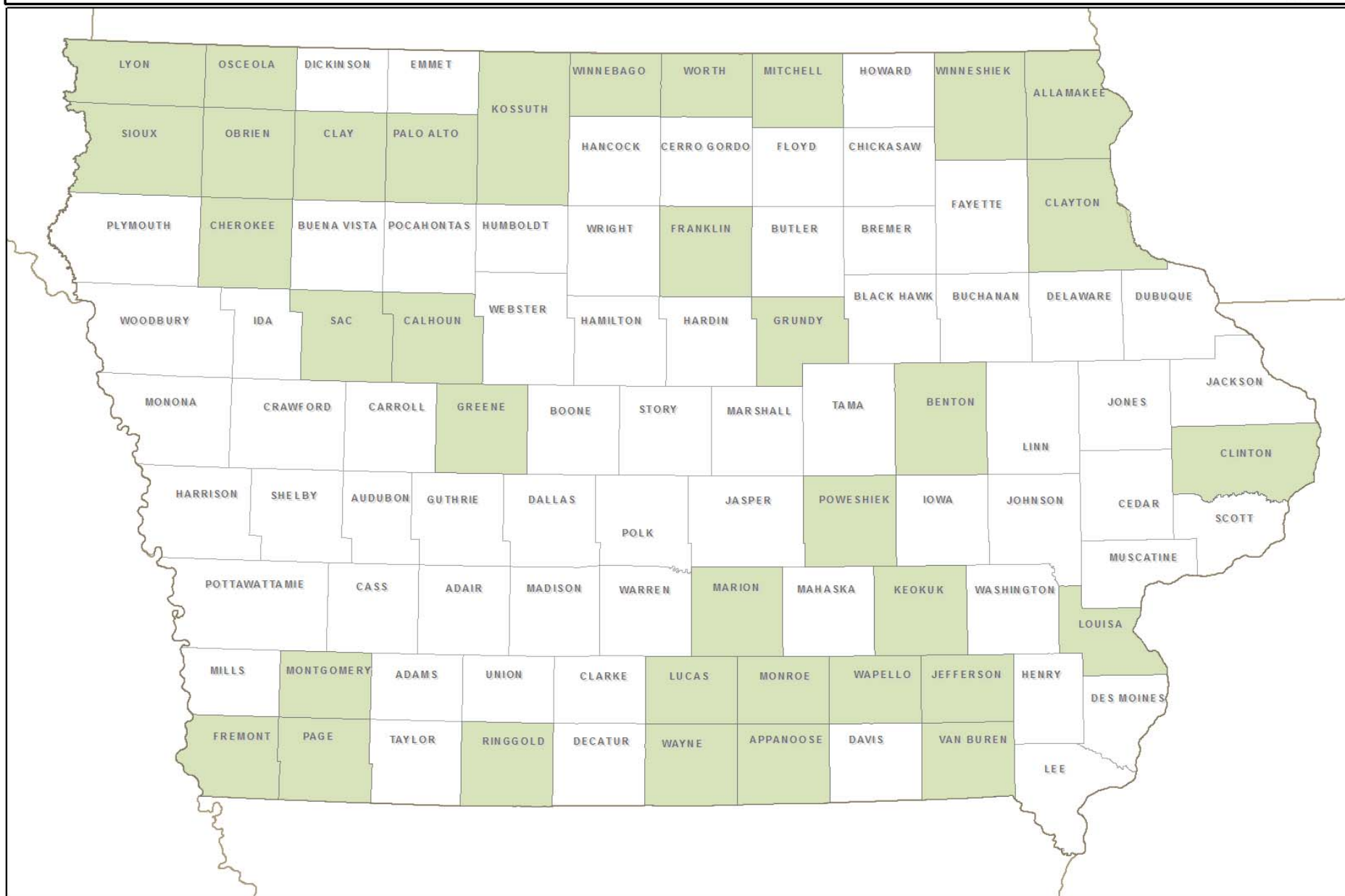
T 515-725-3231
F 515-725-3260
E support@iowahomelandsecurity.org

IA 911 NCGIS Update

- GIS Grant – Use it ☺
- Counties should be actively remediating data
- Field Mapping Spreadsheets – 30 turned in as of October
- GeoComm - Developing Workflows & ETL Processes
- Statewide Standards v.2 available in November (w/ Spatial component)



GIS Data Received



IA 911 NGGIS – Where are we going?

- *December 2015* - Counties/PSAP provide GIS data to GeoComm
- *March 2016* - GeoComm will deliver GIS Assessments
- *March 2016* - GIS Data Aggregation & Initial GIS Data Load
- *Spring 2016* - Iowa State System – Training
- Ongoing GIS data work & maintenance

IA 911 NGGIS Common Questions

- Maintaining MSAG
 - GIS within the Next Gen transition process
- Data submission deadline
- Data Maintenance into the future
- Statewide Imagery
- GIS interaction with MACH
- Additional GIS Questions from Audience

Changes to 34A

- Opened up the use of carryover funds to “Receipt and Disposition” of 911 call
- Statewide Radio System
- \$100,000 for Council Travel and Public Education

Receipt and Disposition

- Maintained funding at \$100,000
 - Total of \$115,000 now available to PSAPs through Grants
- Carryover Funds can now be used similarly as regular surcharge for Receipt and Disposition of a 911 call
- Through the grant rules/application process we've maintained the priority of these funds is for NG upgrades
- Tower upgrades are allowable
- Radios (Software upgradeable to P25) allowable after NG upgrades completed
- Part of the application (3 tab .xls file) contains allowable equipment guidance

Changes to 34A

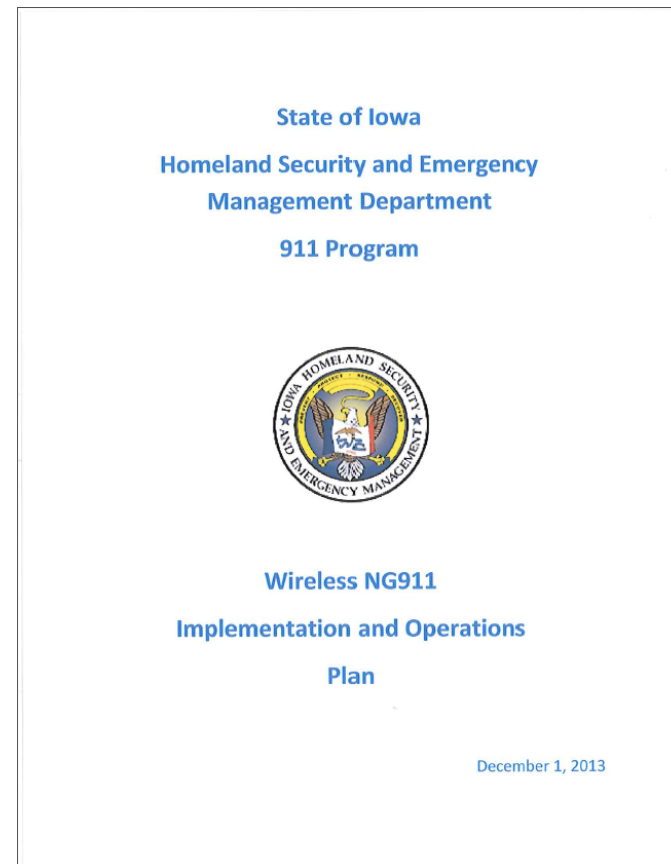
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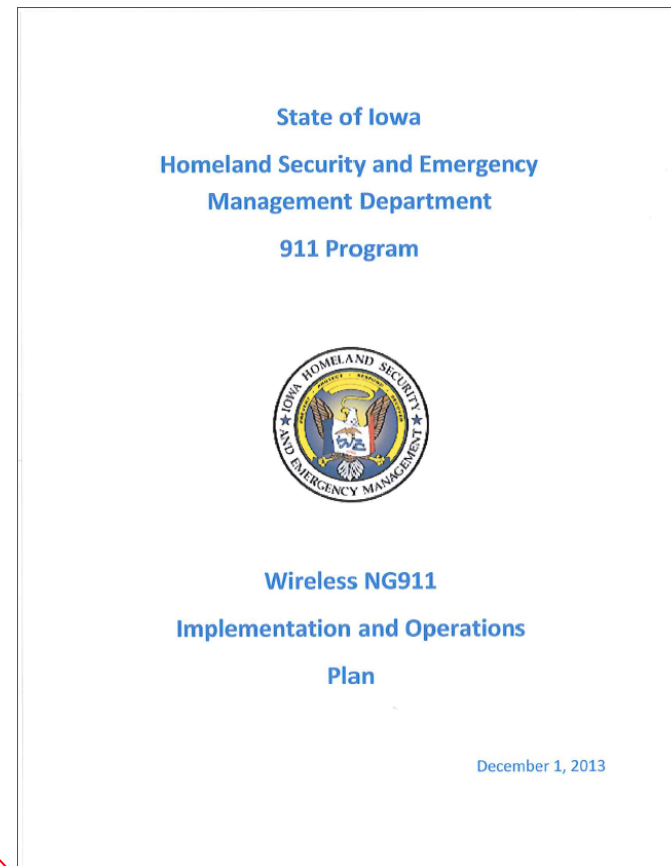
Iowa Service Plan

- Revision this year
- Complete re-write next year
 - Will include updates on:
 - Text to 911
 - CPE's IOT'd with TCS for MSRP/SIP
 - Secondary ESInet
 - Data Centers
 - NG GIS



Iowa Service Plan

- Revision this year
- Complete re-write next year
 - Will include updates on:
 - Text to 911
 - CPE's IOT'd with TCS for MSRP/SIP
 - Secondary ESInet
 - Data Centers
 - NG GIS



Favorite bullet point ever

Updated Forms

- Use Website!
 - Data Expenditure Collection Sheet (FY 2014-2015: Due March 31st) Code 34a
 - Combined PSAP Updates with Single Point of Contact—New Due date is Jan 1st
 - Carryover Grant Applications

Updated Forms

- Use Website!
 - Data Expenditure Collection Sheet- March 31st
 - Combined PSAP Updates with Single Point of Contact— New Due date is Jan 1st
 - Carryover Grant Applications

Debt Services:		From 911 Surcharge	From General	From Sheriff	Other Funding Source (specify)	Other Funding Source (specify)
To include, but not limited to:						
Loans						
Other (Specify)						
TOTAL \$		\$ -	\$ -	\$ -	\$ -	\$ -
Miscellaneous (Specify):		From 911 Surcharge	From General	From Sheriff	Other Funding Source (specify)	Other Funding Source (specify)
TOTAL \$		\$ -	\$ -	\$ -	\$ -	\$ -
GRAND TOTAL \$		\$ -	\$ -	\$ -	\$ -	\$ -
Notes/Comments:						
Prepared by:						
		Name		Email		Phone
Submitted by:						
		Name		Email		Phone

Updated Forms

E-911 PSAP UPDATES and Communication Single Point of Contact

County

Check the box in any of the "name" fields to designate that person as the County Communication Single Point of Contact, or list the designee in the final section

FCC Designated PSAP Name		<input type="checkbox"/>
PSAP Contact Person (Name)		
Physical Address of PSAP		
Street Address		
City		
Postal Code		
Mailing Address of PSAP Contact Person		
Street Address/PO Box		
City		
Postal Code		
PSAP Contact Person Phone Number		
Extension		
PSAP 24x7 Phone Number		
PSAP Contact Person E-Mail Address		

PSAP Wireless Contact Person (Name)		<input type="checkbox"/>
Wireless Contact Person Mailing Address		
Street Address/PO Box		
City		
Postal Code		
Wireless Contact Person Phone Number		
Extension		
Wireless Contact E-Mail Address		

911 Service Board Contact Person (Name)		<input type="checkbox"/>
911 Service Board Contact Person Mailing Address		
Street Address/PO Box		
City		
Postal Code		
911 Service Board Contact Phone Number		
Extension		
911 Service Board Contact E-Mail Address		

Communications Single Point of Contact (Name)	
Communication Single POC Mailing Address	
Street Address/PO Box	
City	
Postal Code	
Communications Single POC Phone Number	
Extension	
Communications Single POC E-Mail Address	

Please fill out form completely. Review to be sure all areas are complete.
PLEASE RETURN TO HSEMD BY January 1st

- Use Website!
 - Data Expenditure Collection Sheet- March 31st
 - Combined PSAP Updates with Single Point of Contact— New Due date is Jan 1st
 - Carryover Grant Applications

Updated Forms

- Use Website!
 - Data Expenditure Collection Sheet- March 31st
 - Combined PSAP Updates with Single Point of Contact— New Due date is Jan 1st
 - Carryover Grant Applications

Wireless E911 Carryover Fund Application
(Application due one week prior to the next scheduled E911 Council meeting to be included for review)

County E911 Service Board Requesting Funds

for PSAP (name):

Attach a detailed project description to include cost proposal(s) and a timeline for completion. Application will not be eligible without a project description.

Detailed Funding Explanation: Completion date: (No later than June 30, 2016, with invoices to HSEMD by July 15, 2016)

1. Fund Amount Requested from Wireless Carryover Fund (This amount cannot exceed \$100,000 per PSAP)

As the Chair of the County E911 Service Board, I certify that this request for funds is made in accordance with Iowa Code Chapter 34A and Iowa Administrative Code Section 605 Chapter 10 and that I fully understand those laws, rules, and associated grant application guidelines. This request for Wireless Carryover Funds shall be used for receipt and disposition of a 911 call. My signature below states that I understand the following conditions:

1. The maximum amount of Wireless Carryover funds any Service Board shall receive in a given Fiscal Year shall not exceed \$100,000 per Public Safety Answering Point (PSAP).
2. The project must be completed in the current fiscal year. NO EXTENSION
3. No funds will be paid until the project is complete and original invoices along with a completed Attachment B form are presented to the E911 Program Manager. Projects must be complete by June 30, 2016 and invoices must be submitted to HSEMD by July 15, 2016.

IF THE PSAP OR YOUR EQUIPMENT VENDOR DAMAGES ANY OF THE EQUIPMENT OWNED BY THE STATE, THE PSAP WILL BE CHARGED FOR THE REPLACEMENT OF THE DAMAGED EQUIPMENT.

Signature of Board Chair Date

Print Name of Board Chair

For Office Use Only

Denied / Approved By: Approved Total: Revised 7/6/2015

Application Guidelines Acceptable Project Guidelines **App**

(GIS) Wireless E911 Carryover Fund Application
(Application due one week prior to the next scheduled E911 Council meeting to be included for review)

County E911 Service Board Requesting Funds

for PSAP (name):

Attach a detailed project description to include cost proposal(s) and a timeline for completion. Application will not be eligible without a project description.

Detailed Funding Explanation: Completion date: (No later than June 30, 2016, with invoices to HSEMD by July 15, 2016)

1. Fund Amount Requested from Wireless Carryover Fund (This amount cannot exceed \$15,000 per PSAP)

2. Service Boards with multiple PSAPs can apply on behalf of all the PSAPs at the same time. On this application, how many PSAPs are you applying for?

As the Chair of the County E911 Service Board, I certify that this request for funds is made in accordance with Iowa Code Chapter 34A and Iowa Administrative Code Section 605 Chapter 10 and that I fully understand those laws, rules, and associated grant application guidelines. This request for Wireless Carryover Funds shall be used for the receipt and disposition of a 911 call. My signature below states that I understand the following conditions:

1. The maximum amount of GIS Wireless Carryover funds any Service Board shall receive in a given Fiscal Year shall not exceed \$15,000 per Public Safety Answering Point (PSAP).
2. The project must be completed in the current fiscal year. NO EXTENSION
3. No funds will be paid until the project is complete and original itemized invoices (documentation of supporting billable hours required) along with a completed Attachment B form are presented to the E911 Program Manager. Projects must be complete by June 30, 2016 and invoices must be submitted to HSEMD by July 15, 2016.

Signature of Board Chair Date

Print Name of Board Chair

For Office Use Only

Denied / Approved By: Approved Total: Revised 07/6/2015

Application Guidelines Acceptable Project Guidelines **Application**

Iowa CASM Portal

- Discussed at both E911 Council Meetings and ISICSB meetings
 - 3 birds, 1 stone
 - Could help replace forms/contact information asked for by E911 Program and other departments
 - Would allow for better data repository, to be used across the State by authorized users
 - Will help with FirstNet Data gathering requirements
- 2 options for data input: Web Portal that will import into CASM or Spreadsheet to send in and import into CASM

E911 Program Housekeeping

- **Personnel Costs: NOT ALLOWABLE through Surcharge or Carryover. Except:**
 - Addressing and Database Management (GIS)
- **Change Notification Form**
 - Must include time and date!
 - Used to schedule TCS Technician/notify TCS NOC of potential downtime
- **PSAP Expenditure Study- Signed Contract with LR Kimball**
- **FCC ID Number:**
<https://www.fcc.gov/encyclopedia/9-1-1-master-psap-registry>
- **ICN Maintenance Notifications**

ICN Maintenance Notifications

Iowa Communications Network – Planned Change Notification

For any questions or concerns regarding this Change, please contact ICN Change Management at ICNServiceDesk@iowa.gov or call at [800-572-3940](tel:800-572-3940)

Change Number:	26908
Start Date / Time:	10/1/15 10:00
End Date / Time:	10/1/15 10:15
Est. Downtime:	10 minutes
Work Being Performed:	Hardware Maintenance

Affected Customer Services:

During this timeframe, the services listed below will be impacted.

Service Description	Circuit ID
DPS-Ringgold County Sherriff 10 Mb	206100
HLSEM - Ringgold County Sheriff 10 Mb Ethernet	209646

Please contact the ICN NOC if there are any questions on this.

Contact Information

Blake DeRouchey

515-323-4232

515-401-2061

e911@iowa.gov



Iowa Department of Homeland Security and Emergency Management